



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

EPA Region 5 Records Ctr.



303450

MEMORANDUM

DATE: June 20, 1978

TO: File ✓

FROM: Rene' Van Someren

SUBJECT: CHAMPAIGN COUNTY/L.P.C.
Urbana/Muni
#01982701

RECEIVED

JUN 27 1978

EPA - D.L.P.C.
STATE OF ILLINOIS

On the above date, pursuant to a special request from Trygve Bakkom for a joint inspection, I inspected the subject site.

This site was operating at the time of the inspection and except for a small area immediately adjacent to the operational fill face, cover requirements were being maintained. There was a small area of leachate seepage that appears to be a reoccurring problem along the north side of the old fill area. This leachate seep was previously observed to be flowing into an adjacent creek on May 18, 1978 by Tom Scotese. Although attempts to cover these seeps were made, the leachate has managed to surface again. After checking the area around the leachate seeps, it was determined that it would not be possible to "key-in" a clay seal restricting the leachate flow because the entire area bordering the creek had been landfilled sometime in the past. Also, it would appear that a contributing factor to the leachate problem was the lack of proper grading and capping of the old landfill site. Attempts to raise elevations and properly cap the old site are presently underway. The site's permit application, however, indicates that the site's operational plan would be abandoned once the new landfill site opens up. The plan with this in mind, therefore, submitted two elevations for each operating trench so that whenever the new site opened, the trench presently being filled would be completed to the appropriate grade while the other proposed trenches would be abandoned.

(Page 7 - Part V - Operating Plan - Section B - Description of Operating Procedures - Item 34a - 1st paragraph) A further review of the file indicates that in January of 1975 final cover was already being applied to the east and northeast acres of the site. (See January 20, 1975 letter from City of Urbana.) Although it is difficult to determine exactly where this final covered area is according to the plans that are available, it appears that this east and northeast area encompasses trenches C 1, C 2 and C 3. Since there are no other records in our files to assist in determining the extent final covering occurred, it would appear that the areas presently being utilized for the landfill are restricted to the northern half of trenches C 4, C 5 and C 6 which have apparently never received final cover. Because of the fact that: (1) the site plans indicated that the site would close upon the opening of the new site and (2) the Agency and the operators were unsure as to which elevations the site was being brought up to (Mr. Bakkom thought that new elevations were being established which would tie in the old site with the new adjacent site.), I advised that a

supplemental permit would be required to allow operations of this site as opposed to what the original permit plans call for, and that, furthermore, supplemental permit should include the new elevations and grades as proposed.

In conclusion it would appear that the daily operations at this site will last for only an additional six months before the site is properly graded and covered. Once the grading and covering is concluded, the leachate problem along the north end which can enter saline ditch should subside. Also, if the City and/or Waste Management obtains the appropriate supplemental permits which would allow the site to be properly capped, I see no reason why compliance can't be achieved.

RVS:dt

cc: Central Region